

LISTING OF THE CLAIMS:

1. (Currently Amended) A method for asynchronous brokering of messages between middleware computing systems, comprising:

a) receiving a message sent from a first application into a first middleware computing system;

b) receiving the message sent from the first middleware computing system into a middleware brokering server;

c) sending the message from the middleware brokering server to a second middleware computing system that receives the message; and

d) sending the message from the second middleware computing system to a second application that receives the message;

wherein the message is converted from a native language format of the sending first middleware computing system to a standard format of the middleware brokering server prior to being received by the middleware brokering server; and

wherein the message is converted from the standard format to a native language format of the receiving second middleware computing system prior to being received by the receiving second middleware computing system.

2. (Previously Presented) The method of claim 1 wherein the sending first middleware computing system and the receiving second middleware computing system are selected from the group consisting of a mainframe system, a CORBA compliant system, and a JMS system.

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3. (Previously Presented) The method of claim 2 wherein the sending first middleware computing system communicates with the middleware brokering server via point to point messaging and wherein the middleware brokering server communicates with the receiving second middleware computing system via publish and subscribe messaging.

4. (Previously Presented) The method of claim 3 wherein the sending first middleware computing system of a first message is the receiving second middleware computing system of a second message.

5. (Previously Presented) The method of claim 3 wherein the receiving second middleware computing system of a first message is the sending first middleware computing system of a second message.

6. (Cancelled)

7. (Currently Amended) The method of claim 6 1 wherein the message is converted from the native language format of the sending first middleware computing system by mapping a plurality of fields in the native format into corresponding fields in the ~~structured event message~~ standard format of the middleware brokering server.

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8. (Currently Amended) The method of claim 7 wherein the native ~~message~~ language format of the sending first middleware computing system is a selected from the group consisting of a Cobol copybook, JMS TextMessage, JMS BytesMessage, JMS MapMessage, JMS ObjectMessage; and JMS StreamMessage.

9. (Previously Presented) The method of claim 7 wherein the sending first middleware computing system is a mainframe system and the native ~~message~~ language format is a COBOL copybook.

10. (Previously Presented) The method of claim 7 wherein the sending first middleware computing system is a JMS system and the native ~~message~~ language format is a JMS MapMessage.

11. - 13 (Cancelled)

14. (Currently Amended) The method of claim 14 ~~1~~ wherein the message is converted from the ~~structured-event message standard~~ format of the middleware brokering server by mapping a plurality of fields in the ~~structured-event standard~~ format into corresponding fields in the native language format of the receiving second middleware computing system.

15. - 16 (Cancelled)

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17. (Currently Amended) The method of claim ~~16~~ 14 wherein the native ~~message language~~ format of the receiving second middleware computing system is a selected from the group consisting of a Cobol copybook, JMS TextMessage, JMS BytesMessage; JMS MapMessage; JMS ObjectMessage; and JMS StreamMessage.

18. (Currently Amended) The method of claim ~~16~~ 14 wherein the ~~sending-first~~ receiving second middleware computing system is a mainframe system and the native ~~message language~~ format is a COBOL copybook.

19. (Currently Amended) The method of claim ~~16~~ 14 wherein the ~~sending-first~~ receiving second middleware computing system is a JMS system and the native ~~message language~~ format is a JMS MapMessage.

20. (Original) The method of claim 3 wherein the publish and subscribe messaging further comprises a push-pull paradigm across at least one messaging channel.

21. (Original) The method of claim 20 further comprising designating quality of service attributes when configuring the channel.

22. (New) The method of claim 1 wherein the standard format of the middleware brokering server is a structured event message format.